

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| S1 | 80 | (OKUGAWA.in. or KUBOSHIMA.in.) and (exhaust near3 gas) and (engine) | US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 12:36 |
| S2 | 34 | (OKUGAWA.in. or KUBOSHIMA.in.) and (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) | US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 12:36 |
| S3 | 25 | (OKUGAWA.in. or KUBOSHIMA.in.) and (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) | US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 12:37 |
| S4 | 2301 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) | US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 12:37 |
| S5 | 1030 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) | US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 12:38 |
| S6 | 213 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) | US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 08:25 |

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| S7 | 163 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near4 (estimat\$4 or calculat\$4 or amount)) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:39 |
| S8 | 156 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near4 (estimat\$4 or calculat\$4 or amount)) and (heat or energy) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:43 |
| S9 | 120 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near4 (estimat\$4 or calculat\$4 or amount)) and (energy) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:42 |
| S10 | 121 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near4 (estimat\$4 or calculat\$4 or amount or quant\$4)) and (energy) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:42 |

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| S11 | 119 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near2 (estimat\$4 or calculat\$4 or amount or quant\$4)) and (energy) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:43 |
| S12 | 119 | (exhaust near3 gas) and (engine) and (particulat\$4 near2 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near2 (estimat\$4 or calculat\$4 or amount or quant\$4)) and (energy) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:43 |
| S13 | 63 | (exhaust near3 gas) and (engine) and (particulat\$4 near2 (trap or filter)) and (regenerat\$4 near2 (trap or filter)) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near2 (estimat\$4 or calculat\$4 or amount or quant\$4)) and (energy) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:43 |
| S14 | 136 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near4 (estimat\$4 or calculat\$4 or amount)) and (heat or energy) and (period\$4) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/22 08:30 |

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| S15 | 101 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near4 (estimat\$4 or calculat\$4 or amount)) and (heat or energy) and (period\$4) and ((post or after) near4 inject\$4) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:45 |
| S16 | 90 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near4 (estimat\$4 or calculat\$4 or amount)) and (heat or energy) and (period\$4) and ((post) near4 inject\$4) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:45 |
| S17 | 103 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near4 (estimat\$4 or calculat\$4 or amount)) and (heat or energy) and (period\$4) and ((post or addit\$4 or secondary) near4 inject\$4) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:46 |

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| S18 | 84 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near4 (estimat\$4 or calculat\$4 or amount)) and (energy) and (period\$4) and ((post or addit\$4 or secondary) near4 inject\$4) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:46 |
| S19 | 31 | S18 not SHELL | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:47 |
| S20 | 48 | S15 not SHELL | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:51 |
| S21 | 83 | S14 not SHELL | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/21 12:52 |
| S22 | 54 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near4 (estimat\$4 or calculat\$4 or amount)) and (heat or energy) and (period\$4) and (pressure near2 diff\$4) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/22 08:30 |

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| S23 | 108 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near4 (estimat\$4 or calculat\$4 or amount)) and (heat or energy) and (period\$4) and (pressure near2 (diff\$4 or differen\$4)) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/22 08:31 |
| S24 | 48 | (exhaust near3 gas) and (engine) and (particulat\$4 near4 (trap or filter)) and (regenerat\$4) and (temperature near3 (rais\$4 or increas\$4)) and (temperature near3 (estimat\$4 or calculat\$4)) and (particulat\$4 near4 (estimat\$4 or calculat\$4 or amount)) and (heat or energy) and (period\$4) and (pressure near2 (diff\$4 or differen\$4)) and (60/272-324.ccls.) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/06/22 08:35 |
| S25 | 5 | ("6422001" "6438948" "6574956" "6598387" "6622480").PN. | US-PGPU B; USPAT; USOCR | OR | ON | 2005/06/22 08:37 |
| S26 | 0 | ("6763659").URPN. | USPAT | OR | ON | 2005/06/22 08:37 |
| S27 | 10 | ("4492079" "4835963" "5195316" "5287698" "5319930" "6304815" "6405528" "6438948" "6497095" "6546721").PN. | US-PGPU B; USPAT; USOCR | OR | ON | 2005/06/22 08:37 |
| S28 | 0 | ("6758039").URPN. | USPAT | OR | ON | 2005/06/22 08:37 |
| S29 | 14 | ("4535588" "4709547" "4835964" "5711149" "5746989" "6293096" "6304815" "6405528" "6427436" "6438948" "6490857" "6543420" "6546721" "6598387").PN. | US-PGPU B; USPAT; USOCR | OR | ON | 2005/06/22 08:37 |

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| S30 | 0 | ("6758037").URPN. | USPAT | OR | ON | 2005/06/22 08:37 |
| S31 | 3 | ("5105619" "5489319" "5610844").PN. | US-PGPU B; USPAT; USOCR | OR | ON | 2005/06/22 08:37 |
| S32 | 4 | ("5822977").URPN. | USPAT | OR | ON | 2005/06/22 08:37 |
| S33 | 8 | ("4424671" "4450681" "4450682" "4538412" "4558565" "4603550" "4698966" "4835963").PN. | US-PGPU B; USPAT; USOCR | OR | ON | 2005/06/22 08:38 |
| S34 | 11 | ("5319930").URPN. | USPAT | OR | ON | 2005/06/22 08:38 |
| S35 | 9 | ("20040000139" "20040031262" "20040134187" "4864821" "5319930" "5850735" "5974791" "6405528" "6622480").PN. | US-PGPU B; USPAT; USOCR | OR | ON | 2005/06/22 08:38 |
| S36 | 11 | ("5319930").URPN. | USPAT | OR | ON | 2005/06/22 08:39 |
| S37 | 67 | ("20030072702" "2898202" "4319896" "4372111" "4386497" "4404795" "4427418" "4505106" "4510265" "4512786" "4516993" "4544388" "4665690" "4835963" "4835964" "4881369" "4902487" "4912076" "4914065" "4934142" "5100632" "5195316" "5218817" "5253476" "5259190" "5287698" "5319930" "5517848" "5716586" "5725618" "5853438" "6090187" "6233926" "6235254" "6245306" "6287527" "6405528" "6438948" "6644022").PN. OR ("2004/0187477" "5701735" "5716586" "6786041" "6820418" "6851258"). URPN. | US-PGPU B; USPAT; USOCR | OR | ON | 2005/06/22 08:39 |

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|-----|----|-------------------|-------------------------------|----|----|---------------------|
| S38 | 15 | ("4835964").URPN. | USPAT | OR | ON | 2005/06/22 08:40 |
| S39 | 1 | ("4509327").PN. | US-PGPU B; USPAT; USOCR | OR | ON | 2005/06/22 08:40 |